

IN THE CLAIMS:

Please amend the claims as follows. This listing of the claims will replace all prior versions, and listings, of claims in the application:

1 – 11 (Canceled)

12. (Previously presented) A no-frost refrigeration device, comprising:
at least one storage compartment;
an evaporator which is alternately activated and deactivated located in a chamber separated from said storage compartment;
a fan for circulating air between said storage compartment and said evaporator chamber; and
a control circuit which makes an average circulation power of said fan variable during an activation phase of said evaporator based on at least one air conditioning parameter.
13. (Currently amended) The no-frost refrigeration device according to claim 12, including said fan can be switched off temporarily during said activation ~~activated~~ phase of said evaporator.
14. (Currently amended) The no-frost refrigeration device according to claim 13, including said control circuit controlling the operation of said evaporator and said fan set up to intermittently operate said fan during said activation ~~activated~~ phase of said evaporator.
15. (Previously Presented) The no-frost refrigeration device according to claim 14, including a selector switch on which a duty cycle can be set for said intermittent operation of said fan.

16. (Previously presented) The no-frost refrigeration device according to claim 14, including said control circuit coupled to at least one air conditioning sensor that records the at least one air conditioning parameter and said control circuit regulates a duty cycle as a function of the at least one air conditioning parameter recorded by said sensor.
17. (Previously Presented) The no-frost refrigeration device according to claim 12, including said activation phase of said evaporator and said fan can be set to different non-zero speeds.
18. (Previously Presented) The no-frost refrigeration device according to claim 17, including said control circuit for controlling the operation of said evaporator and said fan is set to operate said fan at one of a plurality of selectable non-zero speeds when said evaporator is activated.
19. (Previously Presented) The no-frost refrigeration device according to claim 18, including a selector switch on which a speed for operation of said fan can be set.
20. (Previously presented) The no-frost refrigeration device according to claim 18, including said control circuit coupled to at least one air conditioning sensor that records the at least one air conditioning parameter and said control circuit regulates the speed of said fan using the at least one air conditioning parameter recorded by said sensor.
21. (Previously Presented) A method for operating a refrigeration device, including at least one storage compartment;
an evaporator which is alternately activated and deactivated located in a chamber separated from said storage compartment;

a fan for circulating air between said storage compartment and said evaporator chamber;

a control circuit which makes an average circulation power of said fan variable during an activation phase of said evaporator, comprising the steps of:

- a) estimating a moisture value in said storage compartment;
- b) selecting a circulating power for said fan as a function of said estimated moisture value; and
- c) operating said fan at said selected circulating power.

- 22. (Previously Presented) The method according to claim 21, including selecting said circulating power to be lower, the higher said estimated moisture value.
- 23. (Previously Presented) The method according to claim 21, including switching said fan off temporarily during said activated phase of said evaporator.
- 24. (Previously Presented) The method according to claim 21, including controlling the operation of said evaporator and intermittently operating said fan during said activated phase of said evaporator.
- 25. (Previously presented) The method according to claim 21, including sensing at least one air conditioning parameter and regulating a duty cycle as a function of at least one sensed air conditioning parameter.
- 26. (Previously Presented) The method according to claim 21, including setting said activation phase of said evaporator and said fan to different non-zero speeds.

27. (Previously Presented) The method according to claim 21, including controlling the operation of said evaporator and said fan and operating said fan at one of a plurality of selectable non-zero speeds when said evaporator is activated.
28. (Previously presented) The no-frost refrigeration device according to claim 12, wherein the at least one air conditioning parameter is a moisture value of one of ambient air and air in the at least one storage compartment.
29. (Previously presented) The no-frost refrigeration device according to claim 12, wherein the at least one air conditioning parameter is an estimated moisture value of one of ambient air and air in the at least one storage compartment.
30. (Previously presented) The no-frost refrigeration device according to claim 12, wherein the at least one air conditioning parameter is one of a temperature of ambient air outside the no-frost refrigeration device, a humidity of the ambient air outside the no-frost refrigeration device, and a humidity of air in the at least one storage compartment.
31. (Previously presented) The no-frost refrigeration device according to claim 12, wherein the control circuit makes the average circulation power of said fan variable during the activation phase of said evaporator based on the at least one air conditioning parameter and a predefined target value of a humidity of air in the at least one storage compartment.
32. (Previously presented) The method according to claim 21, wherein the circulating power for said fan is selected as the function of said estimated moisture value and a predefined target value of a humidity of air in the at least one storage compartment.

33. (Previously presented) The method according to claim 21, including selecting said circulating power to be higher, the lower said estimated moisture value.
34. (Previously presented) The method according to claim 21, wherein the control circuit decreases the circulation power of the fan during the activation phase of the evaporator when the estimated moisture value is greater than a moisture value constant, and increases the circulation power of the fan during the activation phase of the evaporator when the estimated moisture value is less than the moisture value constant.
35. (Previously presented) The no-frost refrigeration device according to claim 12, wherein the control circuit decreases the average circulation power of the fan during the activation phase of the evaporator when the moisture value is greater than a moisture value constant.
36. (Previously presented) The no-frost refrigeration device according to claim 12, wherein the control circuit selectively decreases the average circulation power of the fan during the activation phase of the evaporator when the moisture value is greater than a moisture value constant, and increases the average circulation power of the fan during the activation phase of the evaporator when the moisture value is less than the moisture value constant.
37. (New) A no-frost refrigeration device, comprising:
at least one storage compartment;
an evaporator chamber that is separated from the storage compartment;
an evaporator which is alternately activated and deactivated located in the evaporator chamber;
a fan that circulates air between the storage compartment and the evaporator chamber;

a control circuit which makes an average circulation power of the fan variable during an activation phase of the evaporator based on at least one air conditioning parameter; and

at least one air conditioning sensor that records the at least one air conditioning parameter,

wherein the at least one air conditioning parameter is a moisture value of one of ambient air and air in the at least one storage compartment,

wherein the control circuit intermittently operates the fan during the activation phase of the evaporator, and

wherein the control circuit is coupled to the at least one air conditioning sensor and the control circuit regulates the speed of the fan using the at least one air conditioning parameter recorded by the sensor.